

WETHERBY
Rural District Council.

ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH,
1910.

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Wetherby Rural District Council.

REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1910.

TO THE WETHERBY RURAL DISTRICT COUNCIL.

MR. CHAIRMAN AND GENTLEMEN,

There have been no marked changes in the general character and features of your district since my Report of a year ago. The occupations of the inhabitants are much the same, and there has been no change in the general conditions of the public health.

HOUSE ACCOMMODATION.

Considerable attention has been paid to the condition of Dwelling Houses, especially of the working classes, and improvements have been effected in many instances. Four houses have been closed as unfit for habitation, and in six others a closing order has been issued. Twenty-two new houses have been erected in the District, and eleven of these are cottages. Some difficulty exists in certain parts of the District in finding suitable accommodation for the working classes, and it may be necessary for your Council to give particular attention to this difficulty in dealing with the houses in some parts of your District.

WATER SUPPLY.

An increase in the number of houses connected to the mains of the District Water Company and the Leeds City Council has again occurred, 43 more houses taking their supply from the mains during the year. (See Table I.)

TABLE I.

Parishes.		Inhabited Houses.		Number of Houses Supplied.								
		(1901 Census).	1903.	1904.	1905.	1906.	1907.	1908.	1909.	1910.		
Wetherby ...	...	465	...	310	328	343	383	385	390	399	402	
Boston Spa...	...	339	...	241	247	261	294	297	310	321	325	
Thorparch ...	...	61	...	22	24	29	29	29	29	30	30	
Collingham...	...	83	...	86	88	93	102	105	109	112	116	
East Keswick	...	101	...	95	103	104	112	112	112	111	115	
East Rigton	...	63	...	13	13	13	13	17	21	21	21	
Bardsey ...	...		...	15	15	15	15	15	15	15	15	
Linton ...	...	35	...	17	17	28	24	24	24	24	24	
Kirk Deighton	...	75	...	—	6	8	10	10	14	14	14	
Clifford...	...	225	...	—	20	23	36	49	69	69	77	
Bramham ...	...	165	...	—	68	84	95	95	100	102	104	
Scarcroft ...	...	56	...	—	—	10	10	110	13	13	16	
Thorner ...	...	219	...	—	—	18	57	57	68	87	95	
Walton ...	...	—	...	—	—	—	—	32	32	32	32	
Total		1887	...	799	928	1024	1179	1237	1304	1350	1386	
*Shadwell	...	219						175	176	177		
*Weeton...	...	99						87	88	94		
Total		2205		799	928	1024	1179	1237	1556	1614	1657	

* Supplied by the Leeds City Council.

Over 500 houses in the parishes supplied by the above mains are still deriving their water supply from other sources, in many instances from shallow wells, and in others water from the River Wharfe. I think it is important your Council should have more of these supplies examined, and where deficient a proper supply obtained.

Many analyses have been made during the year. Several of them show a liability to pollution, but as the waters are not actually bad at the time of analysis it is often difficult to obtain an improved supply. It is evident from recent experience that more frequent analysis of many of these waters will have to be made.

I regret that no satisfactory agreement has been arrived at between your Council and the Wetherby District Water Company. The present position cannot be considered satisfactory from a public health point of view, and several of the parishes at present without a supply are seriously in need of one.

The water supply of Kirkby Overblow became an urgent question in the early part of the year, chiefly owing to the development of a large building estate in one portion of the Parish. The District Water Company entered into agreements with your Council to obtain a temporary supply from the Harrogate mains at Pannal, and to allow your Council to bore for water at Walton Head, and if your Council should be successful in obtaining pure and sufficient water the Water Company agreed to your using it as a permanent supply for the Parish of Kirkby Overblow.

Boring operations were commenced upon a site agreed upon with Mr. Johnstone, the Engineer, and in September had reached a depth of 332 feet. It was at this stage not clear if sufficient water had been obtained, and Professor Kendall, of the Leeds University, was consulted. It was decided to test the daily supply from the bore-hole, and if not sufficient to explode a charge of gelignite at a definite site in bore-hole advised by Professor Kendall. The pumping operations revealed a daily supply of 28,000 gallons, and your Council thereupon resolved to make an application to the Local Government Board for a loan of £2,500 for providing the necessary works for supplying the Parish of Kirkby Overblow with the water.

The difficulties in the way of a supply for the Parish of Spofforth have not been so satisfactorily overcome. It has been concerning the supply for Spofforth that the chief controversy with the Water Company has been carried on. In April your Council again approached the Company for a supply for Spofforth and North Deighton. A conference was arranged and as a result your Council, in June, made an offer to the Company stating what you were prepared to do to secure a supply for the two Parishes. The Company declined to give an answer until the agreements mentioned above, regarding the supply for Kirkby Overblow, had been signed, and the rest of the year was spent in correspondence. The Local Government Board frequently wrote to your Council urging the importance of a supply, and I desire again to impress upon you the urgency of the question. As you are aware, many of the wells in the village are polluted, and during the past year a new system of sewers has been laid, rendering it still more important to have a sufficient and proper water supply.

Nothing further has been done towards securing an improved supply to the Parishes of Kearby, Wighill, Ribston and Tockwith.

MILK SUPPLY.

Supervision has been exercised over the milk supply of the District. In addition to the samples taken at times for analysis by the Inspectors of the County Council, your Council decided in March to instruct your Sanitary Inspectors to systematically take further samples for analysis, and arrangements were made with the County Council for the analysis of the samples taken. It will be seen from the report of your Inspector, Mr. Gray, that owing to increased work in having the greater part of the year to look after the whole District, and owing to the number of

sewerage schemes at present in hand, he has not yet been able to put the resolution into force, but hopes shortly to do so.

The County Council have been impressing upon you the importance of a systematic inspection of Dairy Cattle by a properly qualified Veterinary Inspector. Owing to pressure of other work your Sanitary Committee have not been able to give the subject the careful consideration it deserves. I should like to urge upon you the importance of steps being taken to carry out the suggestions of the County Council. I consider it would be of great help in ascertaining the presence of Tubercular cattle, and not only lead to an improvement in the quality of the milk supply, but would also be a valuable assistance to the Dairy Farmer in enabling him to keep up the quality of his milk supply, and would enable him very often to prevent infection of others of his Dairy Cattle.

There are now 144 Cowsheds registered. Most of them have been inspected during the year; two have been condemned and closed, and three new ones have been erected.

OTHER FOODS.

It has not been found necessary to take any steps under the Sale of Food and Drugs Acts, or Section 117 of the Public Health Act, 1875.

The work commenced in connection with the Slaughter Houses, and referred to in my Report of a year ago, has been continued. The repairs and alterations have been carried out and there are now 27 registered in your District. Regular inspection has been practiced, 126 visits having been paid. The Slaughter Houses have been found in very good condition, and no carcasses infected with Tuberculosis have been discovered.

SEWERAGE and DRAINAGE.

Extensive operations have been carried on in several parishes in providing new systems of sewers. Much time and attention has been devoted to the various schemes, and many difficulties have arisen, occupying most of the time of your Sanitary Committee. Several of the systems are now approaching completion, and your Council will soon have the satisfaction of having provided all the larger parishes in your District with very efficient sewers and sewage disposal works.

BRAMHAM and CLIFFORD.

The extensive scheme for Bramham and Clifford your Council adopted in 1908 has assumed practical shape. A contract was

accepted in the early part of the year, and the work has since made steady progress. Considerable difficulties were met with in Clifford owing to the hard nature of the strata passed through. The blasting operations necessitated in the streets caused great annoyance and discomfort to the residents, and your Council wisely interfered on behalf of the residents.

EAST KESWICK.

The works at East Keswick have been completed and are now working. Most of the connections have been made to the new sewers. There have been difficulties in regard to way leaves and other matters, and it is probable the original estimate of the Engineer will have been exceeded.

SHADWELL.

No definite scheme has yet been adopted for Shadwell. The difficulties are very great and have received careful consideration by your Sanitary Committee. Special attention has been given to the cleansing of cesspools, etc., and very few complaints are received.

SPOFFORTH.

The approval of the Local Government Board was obtained for the scheme you submitted in the previous year for the sewerage of Spofforth, and in April a contract was entered into for the construction of the sewers. Good progress is now being made.

WEETON and NORTH RIGTON.

The amended scheme adopted by your Council in December, 1909, for the sewerage of these two villages has necessitated careful consideration by your Sanitary Committee. The Parish Councils of the respective villages took serious objection to the proposals. The objections were chiefly in regard to the cost, and the apportionment of the cost; each Council also contended it could provide a less costly scheme for its own parish than the combined scheme.

The West Riding Rivers Board informed your Council that if a scheme was not put in hand they would consider the question of taking legal proceedings. Your Council decided to proceed with the schemes adopted, and apply to the Local Government Board for the necessary loan.

KIRKBY OVERBLOW.

The difficulties in regard to the drainage of the area of Kirkby Overblow, adjoining Pannal, referred to in my last Report, have been successfully overcome. The Earl of Harewood offered to

contribute £200 towards the cost of draining the area, and in March Mr. Crosland was instructed to draw up specifications and proceed with the work as soon as possible. The scheme has been successfully carried through, and in December the Earl of Harewood intimated to your Council that he would defray the entire cost of the scheme, which amounted to £591 17s. 0d. Your Council resolved that "the Council's best thanks be recorded on the minutes to his Lordship for his generous offer."

COLLINGHAM

Difficulty has been experienced in dealing with the sewage on a portion of a new building estate in Collingham. It was eventually overcome by your Council adopting special scavenging powers for this parish. The consent of the Local Government Board was obtained for this proceeding in October, and your Council purchased a tank cart and appointed a contractor to carry out the work.

WIGHILL.

Further complaint has been received from Mr. Frood regarding the drainage of Wighill, and your Council directed that the scheme already agreed upon should be carried out as soon as the work proceeding in other villages has been completed.

WIGTON.

In September your Council decided to provide improved sewerage for the portion of the Parish of Wigton adjoining Slade Hill, and arrangements were entered into for carrying out the work.

WETHERBY.

Your Council decided to carry out the work required on the Sewage Farm at Wetherby, and mentioned in my Report of a year ago.

Great inconvenience and cost was again incurred in the early part of the year by the blocking of the Syphon carrying the sewage under the River Wharfe. The cost of cleansing and rendering it efficient amounted to £130. Particulars of the obstruction will be found in the Sanitary Inspector's Report.

POLLUTION OF RIVERS AND STREAMS.

The various and extensive works of sewerage referred to above are doing much to remove the pollutions of rivers and streams in your District. The complaints from the West Riding Rivers Board are already much fewer in number, and with the completion of the schemes you already have in hand the most serious of the pollutions will have been abated.

EXCREMENT DISPOSAL AND REMOVAL OF HOUSE REFUSE.

Particulars will be found in the Sanitary Inspector's Report of the work done in the above matters. The number of privy-middens in the District some years ago has been very much reduced, chiefly by the adoption of pail closets. There is still great objection on the part of property owners to the conversion of privy middens and pail closets to water closets, and I would again urge upon your Council the importance of having the water carriage system adopted in the many parishes where you now have a good water supply and efficient sewers. It is satisfactory to find that 19 privy middens have been converted into water closets, against 23 into pail closets. A few years ago the figures were very different.

Little difficulty has occurred in regard to public scavenging. Complaint was made by the Sanitary Inspector and by the Clifford Parish Council in regard to the scavenging of Clifford in the early part of the year, and your Council gave the necessary instructions for the more efficient performance of the work.

There are now nine parishes in the District where public scavenging is carried out and the cost is as follows :—

TABLE II.

COST OF SCAVENGING.

	1903.	1904.	1905.	1906.	1907.	1908.	1909.	1910.
*Wetherby	£251	£254	£208	£206	£199	£228	£255	£278
*Boston Spa	142	106	112	120	208	171	154	151
*Shadwell	271	206	143	142	210	257	249	236
†Bramham	36	42	44	48	40	47	45	40
†Thorner	55	70	83	61	65	74	72	70
†Clifford	40	46	49	55	45	55	46	42
†Spofforth	—	—	—	32	20	28	35	30
†Weeton	—	—	—	—	—	—	55	130
†Collingham	—	—	—	—	—	—	—	36

* Council's own Workmen. † By Contract.

NUISANCES.

Particulars of the work done in regard to the abatement of Nuisances will be found in the Sanitary Inspector's Report. It is satisfactory to find the great number of unabated nuisances existing a few years ago being steadily reduced, and I am sure it must be gratifying to your Council to realise that although 575 Nuisances have been abated during the year, it has only been necessary to issue legal notices in 26 instances.

I found it necessary to complain several times during the year of the insanitary condition of the streets in Wetherby, arising

chiefly from insufficient cleansing of the streets. The same complaint applies to many of the villages, especially those through which a main road passes, such as Collingham and Spofforth. The substitution of tar macadam for ordinary macadam at Wetherby, Thorparch, and Scarcroft has effected a great improvement in regard to dust, and in my opinion your Council would be well advised to adopt a similar principle in all the villages. At the same time it must be borne in mind that much of the value of such a process is lost if the horse manure, etc., is allowed to accumulate until it is pulverized by the traffic into a very obnoxious form of dust.

BYE-LAWS.

No new Bye-Laws have been adopted during the year. The extensive series adopted a few years ago are working in a satisfactory manner, although certain difficulties have been experienced with the Building Bye-Laws.

One application for a Common Lodging-house was made, but after examining the house I advised your Council not to grant a license owing to the unsuitability of the house.

SCHOOLS.

No important questions have arisen in connection with the Elementary Schools. In several instances it has been found necessary to close the schools owing to the prevalence of Infectious Disease, chiefly Measles and Whooping Cough.

The following is a list of the schools in question—

Sicklinghall.....	Jan. 28—Whooping Cough.....	3 weeks.
Bramham	Feb. 3—Measles	5 „
Spofforth	May 24—Measles	3 „
North Rigton.....	May 24—Whooping Cough.....	3 „
Tockwith	June 7—Measles	3 „
Kirkby Overblow	July 25—Whooping Cough.....	1 „
Wighill	Sept. 3—do.	3 „
Sicklinghall.....	Oct. 19—do.	3 „
Clifford R.C.	Oct. 27—Measles	2 „
Harewood	Nov. 7—Scarlet Fever	2 „
East Keswick.....	Nov. 7—do.	2 „

WORKSHOPS.

The Workshops in your District are small, no large works being in existence. There have been five additions to the register, making a total of 87. Most of them have been visited and upon the whole found in good condition. Complaint was received from the Factory Inspector in regard to dirt in one case and it at once received the attention of your Sanitary Inspector.

INFECTIOUS DISEASE.

There have been 102 cases of Infectious Disease notified, viz.:—

Diphtheria ...	...	...	10 cases.
Erysipelas ...	...	...	7 „
Scarlet Fever ...	...	...	79 „
Enteric Fever ...	...	...	5 „
Phthisis ...	...	...	1 „

The cases occurred in the following age periods:—

	At all ages.	Under 1.	1-5.	5-15.	At ages—Years. 15-25.	25-65.	65 upwards.
Diphtheria	10	—	1	4	3	2	—
Erysipelas.....	7	—	—	—	—	6	1
Scarlet Fever	79	—	11	54	9	5	—
Enteric Fever.....	5	—	—	2	—	3	—
Phthisis	1	—	—	—	—	—	1

Total..... 102

It will be noticed (Table III.), there was a great increase of Scarlet Fever in comparison to several years past. The disease gave rise to considerable trouble in several parishes, notably in Bramham and Clifford, where 37 of the 79 cases occurred. The marked feature of the disease was its mild character, and difficulty was experienced in some cases in making an accurate diagnosis. There is little doubt the disease was spread chiefly by unrecognised cases. In several instances a Medical man was only called in when the second or third member of the family began to be ill, and the earlier cases were then discovered. In one instance Dr. Mason, the School Medical Officer, found a child attending school in a peeling condition. It was consequently found most difficult to prevent the spread of the disease.

TABLE III.

	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.	1910.
Scarlet Fever	34	39	19	97	117	15	18	15	25	79
Diphtheria and Mem- braneous Croup	15	12	14	10	24	19	46	9	14	10
Typhoid Fever	14	8	6	2	2	11	5	4	4	5
Purperal Fever	1	—	—	—	—	—	—	—	1	—
Erysipelas..	5	12	8	5	8	5	9	11	6	7
Total	69	71	47	114	151	50	78	39	50	101

Diphtheria was very sporadic in character, and the ten cases occurred as follows:—Boston Spa (1), Clifford (1), Collingham (2), Thorner (2), Wetherby (2), other parishes (2).

There were 55 cases of disease treated in the Isolation Hospital, viz.:—Diphtheria 1, Scarlet Fever 52, Enteric Fever 2.

Your Hospital Committee has devoted much attention to the improvement of the Hospital. In one block entirely new floors

have been laid, and both blocks have been painted and renovated throughout.

Negotiations have been entered into with the Tadcaster Small-pox Joint Hospital Committee for the treatment of Small-pox. It is now practically arranged that your Council shall become one of the constituent authorities, and you will thus become provided with permanent accommodation for your Small-pox cases. I desire to congratulate your Council upon the action you have taken; it is most satisfactory to have such arrangements made, and in the event of an outbreak I am convinced you will find the arrangement most serviceable.

In my Report of a year ago it was stated to be the intention of your Council to ascertain if a better supply of water could be obtained upon your present Hospital site. This investigation has met with great success, as will be gathered from the following extract from a circular sent to the members of the Council by Mr. Coates, your Clerk. Now that the question of accommodation for Small-pox has been decided, and you have become provided with an abundant supply of pure water, I consider the time has arrived when your Council can carry out the extension at the Hospital so strongly recommended by Dr. Kaye.

Extract from Mr. Coates' letter:—"On November 4th, 1909, the Hospital Committee recommended that efforts be made to obtain a supply of 3,000 gallons of water per day. Three tenders were obtained on the 20th January this year. The tender of Mr. J. Villiers, of Beverley, was accepted for an 8-inch bore at 6/6 per foot for the first 100 feet, and 7/6 per foot for the second 100 feet. On the 7th February the Committee visited the Hospital and selected a site for the boring. On April 30th Mr. Villiers reported that he had bored to a depth of 180 feet. At the meeting of the Hospital Committee on the 2nd May, Mr. Gray (Sanitary Inspector) was instructed to take a sample of the water from the new bore and submit same for analysis. Mr. Villiers commenced pumping on the 18th May. The pump was 6-in. diameter, 12-in. stroke, 20 strokes per minute, and gave 1500 gallons per hour. On the 27th May, Mr. Villiers reported that the 14 days' test pumping would finish on the 1st June without showing any signs of diminishing the supply. On the 3rd June the Analyst's Report upon the water from the borehole at Sicklinghall was received, a copy of which is as follows:—

Total Solid Matters	...	...	...	...	14·6
Chlorine (combined)	...	...	...	...	·8
Nitrites	...	...	...	...	None.
Nitrogen as Nitrites	...	...	...	...	"
Free Ammonia	...	...	...	...	·0021
Albuminoid Ammonia	...	...	...	...	·0028
Lead	...	...	...	...	None.
Total Hardness (Clark's Scale)	...	...	...	...	7½

This is an organically pure water, well suited for drinking and domestic use. Although it is twice as hard as an upland surface water, it is still reasonably soft, and much softer than most well waters.

(Signed), F. W. RICHARDSON,

County Analyst, Bradford.

On the 10th June, at a meeting of the Committee, Mr. Villiers reported that instead of lowering the water level with the 14 days' pumping, as might have been expected, it rose about 4 feet. Mr. Villiers submitted a plan showing a proposed set of Pumps (3 throw 3in.) which will deliver 1,000 gallons per hour, but he estimated that as much as 4,000 gallons per hour could be obtained if the size of the pumps and engine were increased. The question of pumps, however, was left over pending the decision of the Committee as to the amount of water which would ultimately be required."

TUBERCULOSIS.

The question of Tuberculosis has received attention. Members of your Council have attended conferences in York and Leeds, and a Sub-committee is at present considering the best practical steps to take to provide accommodation for the treatment of Consumption in the District. Only three deaths from Phthisis have occurred during the year, and this is the lowest figure of which I have any record. There were five deaths from other Tuberculous diseases.

VITAL STATISTICS.

There is a slight increase in the death rate as compared with last year. There have been 199 deaths, making a death rate of 12·47 per 1,000. It continues to show a marked reduction of previous death rates, as the following figures show.

Period.	Death rate per 1,000 living.
1871-1880	..... 18·49
1881-1890	..... 16·84
1891-1900	..... 17 10
1901-1909	..... 13·22
1910	..... 12·47

It is also satisfactory to note from the following Table that your District compares favourably with the England and Wales

in general, not only in regard to the Death Rate, but also in regard to the Zymotic Death Rate and Infantile Mortality.

TABLE IV.

1910.	England and Wales.	Great Towns (77).	Smaller Towns (136).	England and Wales less the 213 Towns.	Wetherby Rural District.
Birth Rate	24 8*	25·0	23·7	25·0	20·00
Death Rate	13·4*	13·4	12·4	13·6	12·47
Zymotic Death Rate ...	0·99	1·23	0·88	0·74	0·5
Infantile Mortality..... (per 1,000 births)	106	115	104	96	62

* Lowest ever recorded.

An examination of the following Table will show the different age periods at which the deaths took place. It will be noticed that 100 or practically half the deaths occurred over 65 years of age :—

Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	Total.
21	11	4	4	59	100	199

From an examination of Table V., giving the Death Rates per 1,000, from the chief causes of death, it will be seen the Death Rate from Cancer is at the highest level it has been in the 10 years shown. In attempting to draw any conclusion from this fact, it should be borne in mind that of the 18 deaths from Cancer and other forms of Malignant Disease, 10 of them occurred in persons over 65 years.

TABLE V.

	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.	1910.
Phthisis	1·04	1 3	1 04	1·1	9	89	·37	1 27	·88	·5	·18
Cancer	·50	1·04	1·1	·97	1·03	·76	·9	·7	·69	·75	1·12
Pneumonia	1 04	1·23	·98	1 1	·83	·76	1·2	·82	1·01	·5	·89
Zymotic Diseases.	·78	1·04	·52	·32	·71	1·21	·69	·63	1 14	·75	5
Influenza	·9	·19	·18	·45	·32	·31	·12	·19	·3	·25	·25

I submit to you on Table VI. the Birth Rates and Death Rates for the year in the chief parishes of the District.

TABLE VI.**BIRTH and DEATH RATES per 1,000 of the Population.**

PARISH.	Birth Rate.	Death Rate.
Boston Spa	13·42	10·6
Bramham-cum-Oglethorpe	17·00	17·0
Clifford	26·32	16·44
Collingham	33·33	15·89
Harewood	12·15	10·41
East Keswick	18·75	10·41
Kirk Deighton	18·66	8·0
Kirkby Overblow	30·0	21·0
Rigton	15·87	10·58
Shadwell.....	28·0	15·0
Spofforth-with-Stockeld	26·92	11·53
Thorner	12·36	9·27
Thorparch	13·98	20·97
Tockwith	26·41	15·09
Weeton	20·93	11·62
Wetherby	26·19	10·47
Remainder of District	18·84	7·14

In conclusion, Gentlemen, I must again thank you for your great kindness and assistance during the year.

Yours faithfully,

J. A. HARGREAVES.

TABLE C. 1910.***WETHERBY RURAL SANITARY DISTRICT.**

WATER SUPPLY—Any development during 1910—Successful Borings at Sicklinghall Hospital and Walton Head.

Developments still needed—See Report.

Any complaints as to (a) Insufficiency—Do.

(b) Unsatisfactory quality—Do. (c) Plumbo solvent action—No.

SEWERAGE—Developments during 1910—New Sewerage at East Keswick, Bramham, Clifford, Kirkby Overblow.

Developments still needed—Shadwell, Weeton, and North Rigton.

SEWAGE DISPOSAL—Any complaint as to outfall works—None.

SCAVENGING—Any inadequacy, and where—North Rigton, Weeton, Shadwell, etc.

BY-LAWS & REGULATIONS—Any adopted or sanctioned during 1910—No.

ADOPTIVE ACTS—Any steps taken for the consideration, adoption, or application of—(a) Notification of Births Act, 1907—No.

(b) Public Health Acts Amendment Act, 1907—No.

(c) Other Adoptive Acts—None.

Regulated Buildings, Trades, &c.	No. in District.	No. on Register.	Total No. of Inspections made.	General Condition.	Legal Proceedings (if any).
Common Lodging Houses	—	—	—	—	—
Canal Boats	—	—	—	—	—
Slaughter Houses...	27	27	126	Good.	—
Cowsheds	144	144	118	Continued improvement.	—
Milk Purveyors ...	—	—	—	—	—
Offensive Trades ...	—	—	—	—	—

COWSHEDS—Any special inspection made during 1910—Systematic Inspection. What arrangement for Veterinary Inspection of Dairy Cows—Not at present.

INFECTIOUS DISEASE—Any suspected spread by rats, dogs, cats, fowls, flies or fleas—Ringworm by a cat.

What arrangements for supply of Antitoxin—District Council supply.

ISOLATION HOSPITAL—Any observation on adequacy or efficiency—Accommodation insufficient.

Is any part used for other purpose than that originally intended—No.

SCHOOLS—Any investigations undertaken by Medical Officer of Health—No.

PREVENTION OF CONSUMPTION—What system of notification?—Poor law only. Its success—Very few cases.

What arrangement for treatment of Patients on sanatorium lines?—At present under consideration.

Any Sanitary Inspection of Patients' Houses—Yes.
 Any Disinfection of ditto—Yes. Any Distribution of Advice—Yes.
 Any Action *re* Spitting—No.
 Any Disinfection of public rooms, vehicles, etc.—No.

HOUSING, TOWN PLANNING, &c., ACT—

No. of houses inspected during 1910—52.
 No. of houses represented as unfit for habitation—8.
 No. of houses dealt with by Closing Orders—4.
 Are there any other houses unfit for habitation—6.
 Is House-to-House Inspection systematically made—Yes.
 Are records kept in accordance with the "Housing (Inspection of District) Regulations, 1910"—Yes.
 Are there any working-class dwellings erected by the Sanitary Authority—No.
 Any special activity in house building—Usual average.
 No. of new houses built during 1910—22.
 General character—11 villas, 11 cottages.

INFANTILE MORTALITY—What organized effort to control it?—None.

Is Health Visitor appointed by Sanitary Authority?—No.

By other body?—Most of the parishes have a professional District Nurse.

NUISANCES—Total No. of Nuisances in hand at close of 1909—736.

At close of 1910—560. Reported during 1910—399.

Abated during 1910—575.

Total No. of Legal Notices served for Abatement of Nuisances during 1910—26.

Total No. of Summonses or other Legal Proceedings—None.

No. of Sink wastes disconnected during 1910—36. Trapped—36.

No. of Closets newly constructed during 1910—27. Kinds—Water-closets.

No. of Closets reconstructed during 1910—48. Kinds—25 Waterclosets, 23 Pails. Repaired—15; 7 Waterclosets, 8 Pails.

MISCELLANEOUS—Mean Temperature for 1910 —

Rainfall—32.61 on 207 days.

What mortuary accommodation (*a*) for accidents, etc.—None.

(*b*) for infectious cases—Only at Isolation Hospital.

No. of burial grounds— Any need for extensions—

Seizures of Unsound Food—None. Prosecutions—None.

No. of Samples of Food and Drugs analysed in 1910—1.

Prosecutions—None.

No. of Smoke observations taken—None. Legal Notices—

Summonses—

BIRTHS during 1910—Males 179, Females 140. Total 319.

Number illegitimate, included in above, 14.

Number of Still Births (not included) —

DEATHS during 1910—(1) Gross Deaths, *i.e.*, Total actually registered in the district, without any correction, 199.

(2) Nett Deaths, on which the Rates are calculated—Males 109, Females 90. Total 199.

Number uncertified, included in the above—None.

Sanitary Requirements of District, and Suggestions of Medical Officer of Health.—See Report.

* Required by the County Council.

REPORT OF THE SURVEYOR AND INSPECTOR OF NUISANCES.

To the Chairman and Members of the Wetherby Rural District Council.

GENTLEMEN,—In accordance with the circular of the Local Government Board dated December 4th, 1910, I beg to submit my fourth annual Report, showing in detail the work carried out in the whole of the District during 1910.

NUISANCES.—The feature of the year's work is the incursion into the long list of outstanding unabated nuisances, which had reached the high total of 736 at the close of 1909, and for which there were no definite means of diminution until the advent of drainage schemes for the villages concerned.

During the year the East Keswick scheme has been completed, and those for Bramham, Clifford, and Spofforth well advanced. This has led to a reduction of 176 nuisances, leaving at the close of the year 560 to be removed by the schemes in hand, or under consideration. The total number of nuisances abated during the twelve months amounted to 575, but only necessitated the issuing of 26 legal notices.

In addition to the above-mentioned drainage schemes, 660 yards of extension outfall sewer has been almost completed at Walton Head, in the Parish of Kirkby Overblow, to enable you to treat the sewage within your own District. 105 yards of sewer extension has been carried out at Bickerton, enabling 6 houses to be redrained upon sanitary lines; and 55 yards extension at Boston Spa in lieu of cesspool construction.

A considerable amount of time and money has been expended upon the Wetherby outfall sewer, which, for about 286 yards is worked under pressure, the deepest point (under the river bed) having a head of 15 or 16 feet to the outfall. This sewer, which is 15 inches diameter, was in the early part of the year found to be completely choked with detritus. It was thoroughly cleansed from end to end at a cost of about £130 and better arrangements made for flushing; also the 5 flushing chambers at the sewer extremities for cleansing the town sewers were overhauled and put into working order.

HOUSE DRAINAGE AND SANITARY ARRANGEMENTS.—The number of new drains constructed during the year reached the total of 347, whilst 41 were reconstructed, and of these 366 were disconnected from the outfall, and in connection with these 89 intercepting or inspection chambers were

built. A perusal of these figures and the knowledge that the drains are all tested is significant of improved sanitation within the District.

27 new water-closets have been erected in addition to those built in connection with new houses, 19 old privy middens converted into water-closets, 23 old privy middens converted into pail-closets, 6 pail-closets into water-closets, and 15 water-closets and pail-closets have been repaired.

It is surprising, when one considers the benefit to the community, and the enhanced letting value of property, that owners should show such antipathy against the general adoption of water-closets, where the water carriage system is in vogue.

HOUSE CONSTRUCTION.—22 new houses have been built during the year, 11 of the Villa class and 11 Cottages; additions have been made to 14 others, whilst 2 new Parish Rooms, 3 Workshops, 3 Cowsheds, and 2 Slaughter-houses have been erected.

HOUSING AND TOWN PLANNING ACT, 1909.—There have been 52 houses examined during the year; 4 were condemned and closed, and 6 others are under a closing order; many have had repairs carried out such as drainage, defective roofs, eavespouts, privies, etc.

WATER SUPPLY.—There is a sure, if slow advance in the number of houses obtaining their supply from the District Water Company or Leeds mains, there being an increase of 35 during the year, as against an increase of 37 in the previous year.

DAIRIES, COWSHEDS, &c.—118 visits of inspection were made to the above during the past 12 months, and there are now 144 upon the register; 3 new ones have been erected, 2 condemned and closed, also 1 withdrawn from selling milk, due to pressure from the Council; 5 were found dirty and cleansed. Arrangements have been made with the County Council for taking samples of milk, but owing to the large amount of drainage work I have been unable to utilize this most useful acquisition, but hope to do so in the immediate future.

SLAUGHTER-HOUSES.—The number has increased to 27. One additional slaughter-house has been erected, also a new one in lieu of one condemned. 126 visits of inspection were made, mostly at the time of killing. No diseased meat has been met with, and the general quality supplied in your District is good.

HOUSE SCAVENGING.—Scavenging powers are now in operation in 9 parishes, Collingham having been added towards the close of the year. I herewith append Table of refuse removed.

PARISH.	LOADS REMOVED.	
	Ashpit Refuse.	Contents of Cesspools. Load : about 250 galls.
Boston Spa	721	..... 17
Bramham	240	..... 4
Clifford	206	..... 862
Thorner	346	..... 57
Weeton	338	..... 626
Wetherby	595	..... 1996
Collingham (2 weeks)	3	..... 69
Shadwell.....	In hands of Parish Council.	
Spofforth.....	No record.	
Total loads removed in the 7 recorded Parishes	5,990	

WORKSHOPS.—There are 87 upon the register, 5 having been added during the year, and 65 visits were made. Two were found dirty and cleansed, one bakehouse without sufficient air space, and a blacksmith's shop with dilapidated roof. In the former case the floor of room above was removed and another window obtained, hence a good bake-house in the place of an unhealthy one. In the latter case the workshop was practically re-roofed.

PETROLEUM ACTS.—Eleven additional licenses have been granted in the past year for the storage of Petrol, or Calcium Carbide, and there are now 25 persons holding such licenses. Periodical visits have been made to the whole of these, and no serious infringements of the regulations and requirements of the various Petroleum Acts have been met with.

I am, Gentlemen, your obedient Servant,

THOS. V. GRAY,

Sanitary Inspector.

TABLE OF NUISANCES REPORTED and ABATED DURING THE YEAR 1910.

Houses, Dirty	...	...	...	...	...	...	...	9
„ Overcrowded	...	...	...	...	...	...	...	2
„ Damp or Dilapidated	...	...	...	...	...	...	...	23
„ Badly Drained	...	...	...	...	...	...	...	101
„ Without Drains or Sinks	...	...	...	...	...	...	...	5
„ Without sufficient Privy accommodation	...	...	...	...	...	...	...	9
„ Dilapidated and Offensive Privies...	...	...	...	...	...	...	...	66
„ Drains Temporarily Stopped	...	...	...	...	...	...	...	128
„ Dilapidated Pumps	...	...	...	...	...	...	...	5
„ Want of Cesspools	...	...	...	...	...	...	...	5
„ Want of Manure Pits	...	...	...	...	...	...	...	—
„ Want of Water for Domestic Purposes	...	...	...	...	...	...	...	6
No. of Offensive accumulations	...	...	...	...	...	...	...	7

No. of Offensive Pigstyes	...	...	...	...	...	14
„ Offensive Cowsheds or Stables	...	...	...	...	...	8
„ Pollutions into Rivers, Ditches, &c.	...	...	...	...	...	3
„ Polluted Wells	...	...	...	...	...	—
„ Houses Nuisances found	...	...	...	...	...	361
Total Number of Nuisances found	...	...	...	...	...	399
No. of House-to-House Inspections under the Housing and Town Planning Act, 1909	52
No. of Houses thoroughly inspected—Zymotic and other causes	81
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Notice and Letters Served	1022
Dwelling-houses unfit for habitation closed	4
„ „ rendered fit for habitation	...	...	...	...	...	1
„ „ Cleansed	...	...	...	...	...	9
„ „ Overcrowded dealt with	...	...	...	...	...	2
No. of New Midden Privies built	...	...	...	...	...	—
„ Old Midden Privies repaired	...	...	...	...	...	—
„ Pail Closets repaired	...	...	...	...	...	8
„ Waterclosets repaired	...	...	...	...	...	7
„ Old Midden Privies converted into Waterclosets	...	...	...	...	...	19
„ Old Midden Privies converted into Pail Privies..	...	...	...	...	...	23
„ Pail Privies converted into Waterclosets	...	...	...	...	...	6
„ New Wall Closets constructed	...	...	...	...	...	27
„ Drains reconstructed	...	...	...	...	...	41
„ New Drains constructed	...	...	...	...	...	347
„ New connections to the Sewer	...	...	...	...	...	53
„ Drains disconnected	...	...	...	...	...	366
„ Cesspools constructed	...	...	...	...	...	5
„ Cesspools abolished	...	...	...	...	...	10
„ Public or Private Wells abolished	...	...	...	...	...	—
„ Public or Private Wells cleansed	...	...	...	...	...	1
„ Public or Private Pumps repaired	...	...	...	...	...	6
„ Public or Private Pumps erected	...	...	...	...	...	—
„ Pollutions into River Streams or Ditches abated	...	...	...	...	...	5
„ Offensive accumulations removed	...	...	...	...	...	7
„ Manure Pits erected	...	...	...	...	...	—
„ Cowsheds, Stables, Pigstyes, repaired & drained	...	...	...	...	...	22
„ Slaughter-houses visited (visits 126)	...	...	...	...	...	26
„ Workshops visited	...	...	...	...	...	65
„ Cowsheds visited	...	...	...	...	...	118
„ Houses for work done	...	...	...	...	...	269
Total Number of Nuisances abated	...	...	...	...	...	575

